

General Information			
Vehicle Category	ATVB & UTV - EPA only	Sales Areas of All Vehicles/Engines in This Engine Family	Some 50, Some 49
Small Volume Manufacturer Recognition	Regular Volume	Are you Certifying This Vehicle/Engine By Design	No
Manufacturer Code assigned by CARB	KAWA	Parent Company Name	Kawasaki Heavy Industries,LTD
EPA Certification Fee Paid Date	01/09/2019	Application Type	Correction
Permeation Family Name	LKAXPP402B02	Does this Perm Family participate in Average Banking and Trading?	No
Does this EF participate in an EPA and/or CARB emission averaging program?	No	Does this EF participate in EPA and/or CARB emission averaging program?	
Testing procedure applied for exhaust emissions values	40CFR86, Subpart E: Chassis test	If Other, Please provide EPA/CARB approval ID for this testing procedure	--
Are you the original manufacturer of the certifying vehicle/engine?	No		
Vehicle Original Equipment Manufacturer	Country where the Vehicles were assembled	Engine Original Equipment Manufacturer	Country where the Engines were assembled
KAWASAKI MOTORS MANUFACTURING CORP., U.S.A	United States of America	Chery Automobile Co., Ltd.	China
Manufacturer Comments			

EPA Exhaust Emissions units:G/KM				
Air Pollutant	HC	NOx	HC+NOx	CO
Certification Level			0.9	1
Family Emission Limit				
Emission Standards			1.5	35
Applicant Notes	--			

CARB HMC Early Compliance Multiplier: --	Evaporative Emissions (HMC CARB-only) Diurnal + Hot Soak Evaporative Emissions (Unit: g/test):
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Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Engine Family Description			
Engine Family Useful Life	EPA Required Useful Life		
EF Fuel System Type	Single Fuel System		
	Primary Operating Fuel Type		Fuel Type, If Other
	Gasoline		--
Combustion Cycle	4-Stroke		
Combustion Cycle, If Other			
Cylinder Arrangement	In Line		
Cylinder Arrangement, If Other			
Number of Cylinders	3	Valves per Cylinder	4
Engine Type	Reciprocating (otto cycle)		
Engine Type, If Other			
Engine Cooling Media	Liquid Cooled		
Engine Cooling Media, If Other			
Does this engine family contain multiple displacements?	No	New Technology	No
Technology explanation	--		
Applicant Notes			
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Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Exhaust Emission Control Information			
ECS Reference Number	1	Is this engine family equipped with a catalytic converter?	Yes
Total number of catalytic converters	1	Applicable catalytic converter configuration	[REDACTED]
Catalytic converter type used	Three Way Catalyst (TWC), single-bed, closed-loop warm up		
Catalyst Manufacturer Name	[REDACTED]	Catalyst Manufacturer Location	[REDACTED]
Does the engine family use an Exhaust Gas Recirculation (EGR) technology as part of the Emission Control System?	No	Description of the EGR technology used	--
Applicable engine fuel system type	Sequential Multiport FI		
If Other, Enter a description of the fuel system			
Method of air aspiration for the engine	Naturally Aspirated		
Method of engine aspiration, If Other			
Charge Air Cooler Type	No Air Cooler		
Electronic engine control module type	Engine Control Module		
Applicable method of air injection methodology	Not Applicable		
Air injection methodology, If Other			
Air/fuel feedback sensor used on this engine family	Yes		
Sensor Type	Heated Oxygen Sensor		
Sensor Type, If Other			
Number of feedback sensor(s) used	1		
Configuration of the feedback sensors arrangement	Single		
Applicant Notes	--		

Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020									
Exhaust Emission Data Vehicle/Engine (EDV/E) and Emissions Test Data												
Test Vehicle Number	1	EDV ID	[REDACTED]									
EDV/Test Data Type	Carryover	Original EF Name That Contains EDV Data	JKAXX.812AAA									
DDV Engine Family if Different from EDV Engine Family	--	Configuration ID	372FB									
Model Name	KAF820CJ	Tire Pressure (in PSI)	16									
Road Load Force (N)	231	Rated Power	35									
Rated Power Unit	kW	RPM at Rated Power	5500									
Cylinder (Block) Arrangement	In Line	Number of Cylinders	3									
ECS Number (From Tab 4)	1	Displacement (cc)	812									
Transmission	Continuously Variable	Number of Gears	3									
N/V Ratio	79	Equivalent Inertia Mass (in kg)	1030									
Curb Mass (in kg)	872	Loaded Vehicle Mass (kg):	952									
Manufacturer Comments												
[REDACTED]												
Exhaust Test												
Test Date	MFR Test ID Number	Test By	Test For	Test Fuel	Tested at Cumulative Km or Hr	Test Measurement Unit	Test Result Unit	HC	NOx	HC + NOx	CO	CO2
[REDACTED]	[REDACTED]	[REDACTED]	Certification Emission Test + Durability	[REDACTED]	[REDACTED]	Kilometers	G/KM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	Certification Emission Test + Durability	[REDACTED]	[REDACTED]	Kilometers	G/KM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	Certification Emission Test + Durability	[REDACTED]	[REDACTED]	Kilometers	G/KM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	Certification Emission Test + Durability	[REDACTED]	[REDACTED]	Kilometers	G/KM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	Certification Emission Test + Durability	[REDACTED]	[REDACTED]	Kilometers	G/KM	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPA Certification Levels and Deterioration Factors												
End of Useful Life Emissions Value		HC			NOx			HC + NOx			CO	
Calculated by applying DF		[REDACTED]			[REDACTED]			[REDACTED]			[REDACTED]	
[REDACTED]		[REDACTED]			[REDACTED]			HC + NOx			CO	
Multiplicative		1.000			1.094			1.019			1.244	
Test Vehicle Number	2	EDV ID		JKBAFSC16JB00003								

Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
EDV/Test Data Type	New	Original EF Name That Contains EDV Data	--
DDV Engine Family if Different from EDV Engine Family	--	Configuration ID	372FB
Model Name	KAF820CJ	Tire Pressure (in PSI)	16
Road Load Force (N)	231	Rated Power	35
Rated Power Unit	kW	RPM at Rated Power	5500
Cylinder (Block) Arrangement	In Line	Number of Cylinders	3
ECS Number (From Tab 4)	1	Displacement (cc)	812
Transmission	Continuously Variable	Number of Gears	3
N/V Ratio	79	Equivalent Inertia Mass (in kg)	1030
Curb Mass (in kg)	872	Loaded Vehicle Mass (kg):	952
Manufacturer Comments			

Exhaust Test

Test Date	MFR Test ID Number	Test By	Test For	Test Fuel	Tested at Cumulative Km or Hr	Test Measurement Unit	Test Result Unit	HC	NOx	HC + NOx	CO	CO2
			Certification Emission Test + Durability	Other (must be pre-approved by EPA)			G/KM					
			Certification Emission Test + Durability	Other (must be pre-approved by EPA)			G/KM					
			Certification Emission Test + Durability	Diesel			G/KM					
			Certification Emission Test + Durability	Other (must be pre-approved by EPA)			G/KM					
			Certification Emission Test + Durability	Other (must be pre-approved by EPA)			G/KM					

EPA Certification Levels and Deterioration Factors

End of Useful Life Emissions Value	HC	NOx	HC + NOx	CO
Calculated by applying DF				
EPA Deterioration Factor Type	HC	NOx	HC + NOx	CO
Multiplicative	1.00	1.00	1.00	1.00

Certification Summary Information Report

Engine Family		LKAXX.812AAA		Model Year		2020	
Federal Mandatory Greenhouse Gas (GHG) Reporting							
GHG Name	GHG Value	Unit of GHG Value	Measured/Estimated at Distance (km)	By Method	Test Vehicle ID	Reference/Citations	Test/Estimation Date
CH4	0.031	Grams Per Kilometer	--	Derived results based on EPA GHG default factor	--	L Wehry's 9/7/11 email to MIC	N/A
N2O	0.059	Grams Per Kilometer	--	Derived results based on EPA GHG default factor	--	L Wehry's 9/7/11 email to MIC	N/A
CO2	222	Grams Per Kilometer	240	Tested result from the EDV(s) of the Engine Family	JKBAFSC16JB00003	New test at manufacturer's lab	03/18/2016
Applicant notes for GHG data							
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Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
EPA - ONLY Permeation Emissions Control/Test Data			
Fuel Tank Permeation Emissions Details			
Fuel Tank #1			
Permeation Family Name	LKAXPP402B02	Certification Level (g/m2/day)	0.3
Emission Standard (g/m2/day)	1.5	Family Emission Limit (g/m2/day)	--
Certification Method	Emission tests	Fuel Tank Manufacturer	YUI
Other			
Use Carry-over Test Data?	Yes	If carryover, from Permeation Family	KKAXPP402B02
Carryover DF	Yes	If carryover, from DF Permeation Family	KKAXPP402B02
Tank Material	Other		
Tank Material if Other			
Polyethylene			
Control Strategy	Barrier Surface Treatment (e.g. fluorination, sulfonation)		
Least Thickness (mm)	2	Least Barrier Weight (%)	--
Least Barrier Mol (%)	--	Least Barrier Thickness (mm)	--
Production Method	Blow-Molded Tank		
Production Method if Other			
Test Data (g/m2/day)	0.19	DF (g/m2/day)	0.00
EPA Certificate Number	--		
Fuel Line Permeation Emissions Details			
Fuel Line #1			
Certification Level (g/m2/day)	1.0	Emission Standard (g/m2/day)	15.0
Permeation Emissions Certification Method	Emission tests	Fuel Line Manufacturer	Sumitomo Riko
Certified By Design LINE	--		
Other			
Use Carry-over Test Data?	Yes	If carryover, from Permeation Family	KKAXPP402B02
Carryover DF	Yes	If carryover, from DF Permeation Family	KKAXPP402B02
Fuel Line Material	Other		
Fuel Line Material			
ETFE/PA12			
Least Thickness (mm)	1	Test Results (g/m2/day)	0.9
DF (g/m2/day)	0.00	EPA Certificate Number	--
Fuel Line #2			
Certification Level (g/m2/day)	12.0	Emission Standard (g/m2/day)	15.0
Permeation Emissions Certification Method	Certified fuel line (per 40 CFR 1060)	Fuel Line Manufacturer	NICHIRIN

Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Certified By Design LINE	--		
Other			
Use Carry-over Test Data?	--	If carryover, from Permeation Family	--
Carryover DF	--	If carryover, from DF Permeation Family	--
Fuel Line Material			
Least Thickness (mm)	--	Test Results (g/m2/day)	--
DF (g/m2/day)	--	EPA Certificate Number	LNCNPLINEMC2
Comments			
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Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Models Covered			
Model #1			
Reference Model Number	1	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820AL	Commercial / Advertised Model Name	MULE PRO-FXT
Engine Code	██████	Vehicle Category	Both ATVB and utility vehicle categories for EPA
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	--
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	856
Equivalent Inertial Mass (kg)	██████	Loaded Vehicle Mass (kg):	936
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	49-state Sales w/ 49-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	●
Projected Sales (CBI) - US Total (includes CA Sales)	██████	Projected Sales (CBI) - US (49-States)	██████
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes			
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Model #2			
Reference Model Number	2	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820BL	Commercial / Advertised Model Name	MULE PRO-FXT
Engine Code	██████	Vehicle Category	Both ATVB and utility vehicle categories for EPA
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	--
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	867
Equivalent Inertial Mass (kg)	██████	Loaded Vehicle Mass (kg):	947

Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	49-state Sales w/ 49-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	0
Projected Sales (CBI) - US Total (includes CA Sales)	0	Projected Sales (CBI) - US (49-States)	0
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes	<div style="background-color: black; height: 1.2em; width: 100%;"></div> <div style="background-color: black; height: 1.2em; width: 100%;"></div> <div style="background-color: black; height: 1.2em; width: 100%;"></div>		
Model #3			
Reference Model Number	3	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820CL	Commercial / Advertised Model Name	MULE PRO-FXT
Engine Code	0	Vehicle Category	Both ATVB and utility vehicle categories for EPA
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	--
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	872
Equivalent Inertial Mass (kg)	0	Loaded Vehicle Mass (kg):	952
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	49-state Sales w/ 49-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	0
Projected Sales (CBI) - US Total (includes CA Sales)	0	Projected Sales (CBI) - US (49-States)	0
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes	<div style="background-color: black; height: 1.2em; width: 100%;"></div> <div style="background-color: black; height: 1.2em; width: 100%;"></div> <div style="background-color: black; height: 1.2em; width: 100%;"></div>		
Model #4			

Engine Family	LKAXX.812AAA	Model Year	2020
Reference Model Number	4	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820DL	Commercial / Advertised Model Name	MULE PRO-FXT
Engine Code	[REDACTED]	Vehicle Category	Both ATVB and utility vehicle categories for EPA
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	--
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	869
Equivalent Inertial Mass (kg)	[REDACTED]	Loaded Vehicle Mass (kg):	949
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	49-state Sales w/ 49-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	[REDACTED]
Projected Sales (CBI) - US Total (includes CA Sales)	[REDACTED]	Projected Sales (CBI) - US (49-States)	[REDACTED]
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes	[REDACTED]		
Model #5			
Reference Model Number	5	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820EL	Commercial / Advertised Model Name	MULE PRO-FX
Engine Code	[REDACTED]	Vehicle Category	Both ATVB and utility vehicle categories for EPA
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	--
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	824
Equivalent Inertial Mass (kg)	[REDACTED]	Loaded Vehicle Mass (kg):	904
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	49-state Sales w/ 49-state Label		

Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	0
Projected Sales (CBI) - US Total (includes CA Sales)	0	Projected Sales (CBI) - US (49-States)	0
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes			
[REDACTED]			
Model #6			
Reference Model Number	6	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820FL	Commercial / Advertised Model Name	MULE PRO-FX
Engine Code	[REDACTED]	Vehicle Category	Both ATVB and utility vehicle categories for EPA
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	--
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	830
Equivalent Inertial Mass (kg)	[REDACTED]	Loaded Vehicle Mass (kg):	910
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	49-state Sales w/ 49-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	0
Projected Sales (CBI) - US Total (includes CA Sales)	0	Projected Sales (CBI) - US (49-States)	0
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes			
[REDACTED]			
Model #7			
Reference Model Number	7	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820GL	Commercial / Advertised Model Name	MULE PRO-FX

Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Engine Code	██████	Vehicle Category	Both ATVB and utility vehicle categories for EPA
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	--
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	831
Equivalent Inertial Mass (kg)	██████	Loaded Vehicle Mass (kg):	911
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	49-state Sales w/ 49-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	●
Projected Sales (CBI) - US Total (includes CA Sales)	██████	Projected Sales (CBI) - US (49-States)	██████
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes	<div style="background-color: black; height: 40px; width: 100%;"></div>		
Model #8			
Reference Model Number	8	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820JL	Commercial / Advertised Model Name	MULE PRO-FXT
Engine Code	██████	Vehicle Category	Both ATVB and utility vehicle categories for EPA
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	--
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	890
Equivalent Inertial Mass (kg)	██████	Loaded Vehicle Mass (kg):	970
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	49-state Sales w/ 49-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	●

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Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	868
Equivalent Inertial Mass (kg)	█	Loaded Vehicle Mass (kg):	948
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	50-state sales w/ 50-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	█
Projected Sales (CBI) - US Total (includes CA Sales)	█	Projected Sales (CBI) - US (49-States)	█
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes	<div style="background-color: black; height: 40px; width: 100%;"></div>		
Model #11			
Reference Model Number	11	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820CL	Commercial / Advertised Model Name	MULE PRO-FXT
Engine Code	█	Vehicle Category	Off-Road Sport Vehicle
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	1
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	873
Equivalent Inertial Mass (kg)	█	Loaded Vehicle Mass (kg):	953
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	50-state sales w/ 50-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	█
Projected Sales (CBI) - US Total (includes CA Sales)	█	Projected Sales (CBI) - US (49-States)	█
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes			

Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
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Model #12			
Reference Model Number	12	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820DL	Commercial / Advertised Model Name	MULE PRO-FXT
Engine Code	██████	Vehicle Category	Off-Road Sport Vehicle
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	1
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	870
Equivalent Inertial Mass (kg)	██████	Loaded Vehicle Mass (kg):	950
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type			
	50-state sales w/ 50-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	██████
Projected Sales (CBI) - US Total (includes CA Sales)	██████	Projected Sales (CBI) - US (49-States)	██████
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes			
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Model #13			
Reference Model Number	13	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820EL	Commercial / Advertised Model Name	MULE PRO-FX
Engine Code	██████	Vehicle Category	Off-Road Sport Vehicle
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	1
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	825
Equivalent Inertial Mass (kg)	██████	Loaded Vehicle Mass (kg):	905

Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	50-state sales w/ 50-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	
Projected Sales (CBI) - US Total (includes CA Sales)		Projected Sales (CBI) - US (49-States)	
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes			
Model #14			
Reference Model Number	14	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820FL	Commercial / Advertised Model Name	MULE PRO-FX
Engine Code		Vehicle Category	Off-Road Sport Vehicle
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	1
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	831
Equivalent Inertial Mass (kg)		Loaded Vehicle Mass (kg):	911
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	50-state sales w/ 50-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	
Projected Sales (CBI) - US Total (includes CA Sales)		Projected Sales (CBI) - US (49-States)	
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes			
Model #15			
Reference Model Number	15	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A

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Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes [REDACTED]			
Model #17			
Reference Model Number	17	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820KL	Commercial / Advertised Model Name	MULE PRO-FXR
Engine Code	[REDACTED]	Vehicle Category	Both ATVB and utility vehicle categories for EPA
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	--
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	802
Equivalent Inertial Mass (kg)	[REDACTED]	Loaded Vehicle Mass (kg):	882
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type 49-state Sales w/ 49-state Label			
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	[REDACTED]
Projected Sales (CBI) - US Total (includes CA Sales)	[REDACTED]	Projected Sales (CBI) - US (49-States)	[REDACTED]
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes [REDACTED]			
Model #18			
Reference Model Number	18	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820KL	Commercial / Advertised Model Name	MULE PRO-FXR
Engine Code	[REDACTED]	Vehicle Category	Off-Road Sport Vehicle
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	1
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500

Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	803
Equivalent Inertial Mass (kg)	█	Loaded Vehicle Mass (kg):	883
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	50-state sales w/ 50-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	█
Projected Sales (CBI) - US Total (includes CA Sales)	█	Projected Sales (CBI) - US (49-States)	█
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes	<div style="background-color: black; height: 40px; width: 100%;"></div>		
Model #19			
Reference Model Number	19	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820ML	Commercial / Advertised Model Name	MULE PRO-FXT
Engine Code	█	Vehicle Category	Both ATVB and utility vehicle categories for EPA
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	1
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	894
Equivalent Inertial Mass (kg)	█	Loaded Vehicle Mass (kg):	974
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	49-state Sales w/ 49-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	█
Projected Sales (CBI) - US Total (includes CA Sales)	█	Projected Sales (CBI) - US (49-States)	█
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes			

Certification Summary Information Report

Engine Family	LKAXX.812AAA	Model Year	2020
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Model #20			
Reference Model Number	20	Final Assembly Manufacturer Name	KAWASAKI MOTORS MANUFACTURING CORP., U.S.A
Manufacturer Model Name	KAF820ML	Commercial / Advertised Model Name	MULE PRO-FXT
Engine Code		Vehicle Category	Off-Road Sport Vehicle
Evaporative Family (CARB)	--	Number of Evaporative Canisters (CARB)	1
Displacement (cc)	812	Bore (mm)	72
Stroke (mm)	66.5	Basic Ignition Timing (degrees, BTDC)	9.5
Rated Power (kW)	35	RPM @ Rated Power	5500
Rated Torque (nt-m)	65	RPM @ Rated Torque	3500
N/V Ratio	79	Curb Mass (kg)	897
Equivalent Inertial Mass (kg)		Loaded Vehicle Mass (kg):	977
Transmission (e.g. M5, A3, etc.)	CVT		
Vehicle Emission Compliance Information (VECI) Label Type	50-state sales w/ 50-state Label		
Fuel System			
Emission Control System (model / rating specific)	1	Projected Sales (CBI) - CA Only	
Projected Sales (CBI) - US Total (includes CA Sales)		Projected Sales (CBI) - US (49-States)	
Mfr Previously Exempted?	--		
Permeation Family Name (s)	LKAXPP402B02		
Applicant Notes	<div> <div></div> <div></div> <div></div> </div>		